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Product datasheet for TA338777

P2X2 (P2RX2) Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-P2RX2 antibody: synthetic peptide directed towards the N terminal of human P2RX2. Synthetic peptide located within the following region: VVRNRRLGVLYRAVQLLILLYFVWYVFIVQKSYQESETGPESSIITKVKG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	purinergic receptor P2X 2
Database Link:	NP_733783 Entrez Gene 22953 Human Q9UBL9
Background:	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]
Synonyms:	DFNA41; P2X2

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Note:	Immunogen Sequence Homology: Human: 100%; Rabbit: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Mouse: 93%; Bovine: 93%; Guinea pig: 93%; Horse: 86%; Zebrafish: 79%
Protein Families:	Druggable Genome, Ion Channels: ATP Receptors, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:
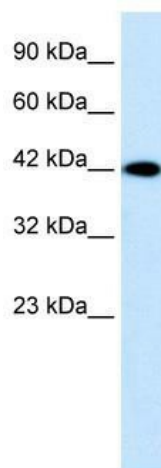
WB Suggested Anti-P2RX2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Jurkat cell lysate